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12-28-01

A

PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 8782   |
| First Inventor         | Vesselin Nikolov Shanov  |
| Assignee               | The Procter & Gamble Company   |
| Title                  | Apparatus and Method for Treating A<br>Workpiece Using Plasma Generated From<br>Microwave Energy |
| Express Mail Label No. | EL618954450US  |

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESS TO: **Commissioner for Patents**  
**Box Patent Application**  
**Washington, D.C. 20231**

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status  
(see 37 CFR §1.27)
3. ☒ Specification **Total Pages [16]**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC §113) **Total Sheets [2]**
5. Oath or Declaration **Total pages [2]**
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR §1.63(d))  
(for continuation/divisional with Box 18 complete)
  - i. ☐ **DELETION OF INVENTORS**  
Signed statement attached deleting inventor(s)  
named in the prior application,  
see 37 CFR §§1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR §1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C.  
122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR §1.76:

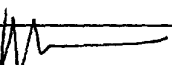
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 1

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here  
27752

|                   |   |                                   |          |
|-------------------|---|-----------------------------------|----------|
| Name (Print/Type) | Larry L. Huston   | Registration No. (Attorney/Agent) | 32,994   |
| Signature         |  | Date                              | 12/21/01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.



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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

|                      |                         |
|----------------------|-------------------------|
| Application Number   |                         |
| Confirmation Number  |                         |
| Filing Date          | December , 2001         |
| First Named Inventor | Vesselin Nikolov Shanov |
| Examiner Name        |                         |
| Group/Art Unit       |                         |
| Attorney Docket No.  | 8782                    |

**TOTAL AMOUNT OF PAYMENT (\$)**740.00**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **16-2480**Deposit Account Name **The Procter & Gamble Company**

- ☒
- Charge Any Additional Fee Required Under status. See 37 CFR §127
- 
- 37 C.F.R. §§1.16 and 1.17

**FEE CALCULATION****1. BASIC FILING FEE – Large Entity**

| Code (\$) | Fee Description        | Fee Paid |
|-----------|------------------------|----------|
| 101 740   | Utility filing fee     | [740 00] |
| 106 320   | Design filing fee      | []       |
| 107 490   | Plant filing fee       | []       |
| 108 710   | Reissue filing fee     | []       |
| 114 150   | Provisional filing fee | []       |

**SUBTOTAL (1) (\$)**[740.00]**2. EXTRA CLAIM FEES – Large Entity**

|                    | Extra           | Below | Fee   |
|--------------------|-----------------|-------|-------|
|                    | Claims          | Fee   | Paid  |
| Total Claims       | [] - 20** = [0] | x [0] | = [0] |
| Independent Claims | [] - 3** = [0]  | x [0] | = [0] |
| Multiple Dependent |                 | [0]   | = [0] |

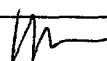
\*\* or number previously paid, if greater; For Reissues, see below

| Code (\$) | Fee Description   |
|-----------|---|
| 103 18    | Claims in excess of 20                                  |
| 102 80    | Independent claims in excess of 3                       |
| 104 270   | Multiple dependent claim, if not paid                   |
| 109 80    | **Reissue independent claims over original patent       |
| 110 18    | **Reissue claims in excess of 20 & over original patent |

**SUBTOTAL (2) (\$)**[0]**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Code (\$)  | Fee Description   | Fee Paid |
|------------|---|----------|
| 105 130    | Surcharge-late filing fee or oath                               | []       |
| 127 50     | Surcharge-late provisional filing fee or cover sheet            | []       |
| 139 130    | Non-English specification                                       | []       |
| 147 2,520  | For filing a request for <i>ex parte</i> reexamination          | []       |
| 112 920*   | Requesting publication of SIR prior to Examiner's action        | []       |
| 113 1,840* | Requesting publication of SIR after Examiner's action           | []       |
| 115 110    | Extension for reply within 1 <sup>st</sup> month                | []       |
| 116 390    | Extension for reply within 2 <sup>nd</sup> month                | []       |
| 117 890    | Extension for reply within 3 <sup>rd</sup> month                | []       |
| 118 1,390  | Extension for reply within 4 <sup>th</sup> month                | []       |
| 128 1,890  | Extension for reply within 5 <sup>th</sup> month                | []       |
| 119 310    | Notice of Appeal  | []       |
| 120 310    | Filing a brief in support of an appeal                          | []       |
| 121 270    | Request for oral hearing  | []       |
| 138 1,510  | Petition to institute a public use proceeding                   | []       |
| 140 110    | Petition to revive - unavoidable                                | []       |
| 141 1,240  | Petition to revive - unintentional                              | []       |
| 142 1,240  | Utility issue fee (or reissue)                                  | []       |
| 143 440    | Design issue fee  | []       |
| 144 600    | Plant issue fee   | []       |
| 122 130    | Petitions to the Commissioner                                   | []       |
| 123 50     | Petitions related to provisional applications                   | []       |
| 126 180    | Submission of Information Disclosure Statement                  | []       |
| 146 710    | Filing a submission after final rejection (37 CFR § 1.129(a))   | []       |
| 149 710    | For each additional invention to be examined (37 CFR §1.129(b)) | []       |
| 179 710    | Request for Continued Examination (RCE)                         | []       |
| 169 710    | Request for expedited examination of a design application       | []       |

Other fee (specify) \_\_\_\_\_ []  
Other fee (specify) \_\_\_\_\_ []\* Reduced by Basic Filing Fee Paid **SUBTOTAL(3) (\$)** []**SUBMITTED BY****Complete (if applicable)**

|                   |   |                                      |                          |           |                       |
|-------------------|---|--------------------------------------|--------------------------|-----------|-----------------------|
| Name (Print/Type) | <b>Larry L. Huston</b>  | Registration No.<br>(Attorney/Agent) | <b>32,994</b>            | Telephone | <b>(513) 634-9358</b> |
| Signature         |  | Date                                 | <b>December 21, 2001</b> |           |                       |

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